

To: Way, Steven[way.steven@epa.gov]; Vince Parker[v.parker@erllc.com]
Cc: Myers, Craig[Myers.Craig@epa.gov]; Forte, Richard E MST1[Richard.E.Forte@uscg.mil]
From: Matt Francis
Sent: Sun 9/13/2015 9:36:03 PM
Subject: RE: GK Release - Planning and Status

I'll be arriving late tomorrow evening, so Tuesday morning is best for me. Below is my input for some items to consider in the interim.

Matt

From: Way, Steven [mailto:way.steven@epa.gov]
Sent: Sunday, September 13, 2015 8:41 AM
To: Matt Francis <m.francis@erllc.com>; Vince Parker <v.parker@erllc.com>
Cc: Myers, Craig <Myers.Craig@epa.gov>; Forte, Richard E MST1 <Richard.E.Forte@uscg.mil>
Subject: GK Release - Planning and Status

Matt and company,

On Monday, I would like a meeting with you and Vince (and other's you may want to join) and the OSCs and START to discuss the status / progress / schedule on the various tasks for the site / response.

Waste Rock Removal / Channel Restoration

�.□□□□ Current operational plan

�.□□□□ Temporary Pipe Diversion – owner discussions / contingency

�.□□□□ Traffic Control requirements for hauling – (and coordination with County) An additional laborer is being mobilized as a flagger. A list of additional signs wanted would be great to have on Monday, so we can be sure to get them by Wednesday (when I'm told hauling will begin).

�.□□□□ Water mngt /chemical requirements. We have accounts set up with Nalco, Industrial Chem Corp (ICC) and US Lime for all water treatment chemicals identified to date. Nalco floc is an 8 day lead time, ICC is usually 5-7 days for NaOH, and lime has been reliable at

2-3 days lead time. If we are going to use any of the Gladstone Ponds for waste rock removal water, we need to plan on time required to dry and restore the pond(s) prior to liner install. I expect the liner to be ready late next week (9/25?).

Water Treatment – Temporary (current operations)

�.□□□□ Chemical supply and needs Lead time is 2-3 days for lime and 8 days for the Nalco floc being considered.

�.□□□□ Operational check – hopper system, pump system

�.□□□□ By-pass options for GK flow

GK Mine – Adit Rehab

�.□□□□ Shotcrete : Ordered, expected arrival late this week (9/18?).

�.□□□□ Mucking operations relative to WT capacity . I suggest considering return to

CBI/Ex. 4

HDPE Pipe – contract and install timeline. APTec plans to start mobilizing this week. I expect pipe to start getting put down by Monday 9/21. We will have to work around them during waste rock removal and stream restoration if the first line installed is to be the laydown to Gladstone route. This could (will) be a cluster, but both tasks need to get going ASAP.

Potential Interim Water Treatment (Temporary - approximate 12 month period). Tech Review

CBI/Ex. 4

Gladstone Power supply – timing, options, costs. The County Building Inspector is to provide addresses of the buildings Monday 9/14. Power company has indicated they will provide costs and work without delay.

Staffing and Schedules for personnel. ER plans to bring in 2 people this week. One operator to permanently replace Mike Tallman and one laborer to provide additional help for traffic control. Also, the two guys from Durango Operations (Gary Dupert and Mike Ormiston) will be permanently part of the Silverton crew. Those additions fill out the staffing plan Vince provided. If EPA wants more, ER will provide without delay.

Other topics – please feel free to fill in specifics our additional general items.

We can decide the best time to do this when we meet Monday. (My current preference would be first thing after the safety brief, but we can discuss that.)

Thank you,

Steve

Steven Way

Federal On-Scene Coordinator

Emergency Response Unit

US EPA - Region 8

1595 Wynkoop Street

Denver, CO 80202

Office: 303-312-6723

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